

## H

### Claims

I claim:

- [0035] 1. A building eves heater comprising;
- A. a heating element,
    - I. the heating element having a first end and an opposite second end,
      - a. the first end having an electrical connection means,
    - II. the heating element having length,
  - B. a sheathe,
    - I. the sheathe having a hollow interior, a first end and an opposite second end,
      - a. the sheathe having an opening passing through the first end for communicating with the hollow interior,
      - b. the heating element being located within the hollow interior,
        - i. the heating element second end and the sheathe second end being proximate to one another,
    - II. the sheathe having length,
      - a. the sheathe length being less than the heating element length so that the heating element electrical connection means extends through the sheath first end opening and out of the sheathe hollow interior,
  - C. sheathe attachment means,

- I. the sheathe attachment means permitting attachment of the sheathe to an underside of a metal roof.
- [0036] 2. A building eaves heater according to claim 1, further comprising:
  - A. the heating element being a silicone rubber heating element.
- [0037] 3. A building eaves heater according to claim 1, further comprising:
  - A. the heating element having a length of approximately twenty five feet,
  - B. the heating element having width,
    - I. the heating element width being approximately one inch.
- [0038] 4. A building eaves heater comprising:
  - A. a heating element and a second heating element,
    - I. the heating element and second heating element each having a first end and an opposite second end,
      - a. the first end having an electrical connection means,
      - b. the second end having a second electrical connection means,
      - c. the heating element and the second heating element being electrically connected to each other such that the first end electrical connection means is electrically connected to the second heating element second end second electrical connection means,
    - II. the heating element and second heating element each having length,
  - B. a sheathe,
    - I. the sheathe having a hollow interior, a first end and an opposite second end,

- a. the sheathe having an opening passing through the first end for communicating with the hollow interior,
- b. the first heating element and second heating element being located within the hollow interior,
  - i. the heating element second end and the sheathe second end being proximate to one another,
- II. the sheathe having length,
  - a. the sheathe length being less than the heating element length so that the second heating element first end second electrical connection means extends through the sheath first end opening and out of the sheathe hollow interior,
- C. sheathe attachment means,
  - I. the sheathe attachment means permitting attachment of the sheathe to an underside of a metal roof.

[0039] 5. A building eaves heater comprising;

- A. a plurality of heating elements,
  - I. the heating elements each having a first end and an opposite second end,
    - a. the first end having an electrical connection means,
    - b. the second end having a second electrical connection means,

- II. the heating elements each having length,
- III. the heating elements being electrically connected to one another,
- B. a sheathe,
  - I. the sheathe having a hollow interior, a first end and an opposite second end,
    - a. the sheathe having an opening passing through the first end for communicating with the hollow interior,
    - b. the heating elements being located within the hollow interior,
  - II. the sheathe having length,
    - a. the sheathe length being less than the heating element length so that one heating element electrical connection means extends through the sheath first end opening and out of the sheathe hollow interior,
- C. sheathe attachment means,
  - I. the sheathe attachment means permitting attachment of the sheathe to an underside of a metal roof,
    - a. the sheathe attachment means being a flattened piece of metal having a hole passing therethrough

[0040] 6. A building eaves heater comprising;

- A. a plurality of heating elements,
  - I. the heating elements each having a first end and an opposite second end,
    - a. the first end having an electrical connection means,

- b. the second end having a second electrical connection means,
  - II. the heating elements each having length,
  - III. the heating elements being electrically connected to one another,
- B. at least a pair of sheathes,
  - I. the sheathes having a hollow interior, a first end and an opposite second end,
  - II. the sheathes being butted together,
    - a. the heating elements being located within and extending through the hollow interior,
  - III. the sheathes having length,
- C. sheathe attachment means,
  - I. the sheathe attachment means permitting attachment of the sheathe to an underside of a metal roof,
    - a. the sheathe attachment means being a flattened piece of metal having a hole passing therethrough,

**[0041]** 7. A building eaves heater according to claim 6, further comprising;

- A. a sheathe bracket,
  - I. the sheathe bracket supporting the butted together sheathes and attaching the sheathes to the underside of the metal roof.